MonoSpot Latex

*** See package insert for more information***

Sample Collection:

Use fresh serum collected by centrifuging clotted blood. If the test cannot be carried out on the same day, serum may be stored between 2-8°C for no longer than 48 hours after collection.

Quality Control:

Before performing a set of determinations it is advisable to test the latex reagent with each of the controls, positive and negative, included in the kit. Both controls should be used following the steps outlined in the Qualitative Technique.

Qualitative Technique:

1. Allow the Latex Reagent and controls to reach room temperature.
2. Gently shake the Latex Reagent vial to disperse and suspend the latex particles in the buffer solution. Vigorous shaking should be avoided.
3. Place 50µL of the sample on one section of the disposable slide.
4. Add a drop of Latex Reagent next to the drop of sample.
5. Mix both drops with a stirrer covering the whole surface of the slide section.
6. Gently rotate the slide for 3 minutes manually or on a rotary shaker set at 60-100 rpm.
7. Look for the presence or absence of agglutination after the aforementioned period of time.

Interpretation of Results:

The presence of agglutination indicates a clinically significant concentration of infectious mononucleosis heterophile antibodies in the sample.

Positive Reactions:

3+ Large clumping with clear background
2+ Moderate clumping with fluid slightly opaque in background
1+ Small clumping with opaque fluid in background

Negative Reactions:

No visible clumping, uniform suspension.